

ADPMVMV

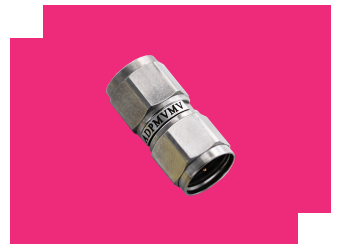
ADP Series 2.4mm Male to 2.4mm Male Adapter

DEVICE OVERVIEW

General Description

The ADPMVMV is a 2.4mm Male to 2.4mm Male straight angle coaxial adapter. This adapter features low insertion loss and low VSWR across a DC-50 GHz bandwidth. 3/8" torque wrench and 7.1 mm fixed wrench recommended.

[Download s-parameters here](#)



Features

- Low VSWR
- Low loss

Applications

- Interconnect

Functional Block

Diagram

N/A

Part Ordering Options

Part Number	Description	Connectors	Green Status	Product Lifecycle	Export Classification
ADPMVMV	ADP Series 2.4mm Male to 2.4mm Male Adapter	-	REACH RoHS compliant per Annex III, Exemption 6(c)	Released	EAR99

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Revision History

Revision Code	Revision Date	Comment
-	2024-08-29	Initial Release

Port Configuration and Functions

Port Functions

Port	Function	Connector Type	Description	Equivalent Circuit for Package
Port 1	IN/OUT	2.4M	-	-
Port 2	IN/OUT	2.4M	-	-

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Specifications

Absolute Maximum Ratings

Parameter	Maximum Rating	Unit
DC Current	7.5	A
Maximum Operating Temperature	105	°C
Minimum Operating Temperature	-55	°C

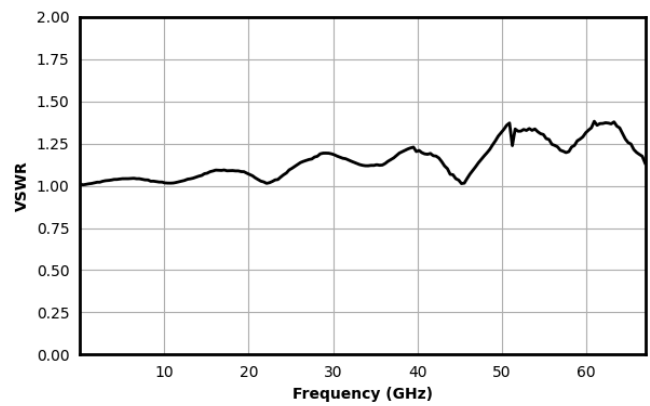
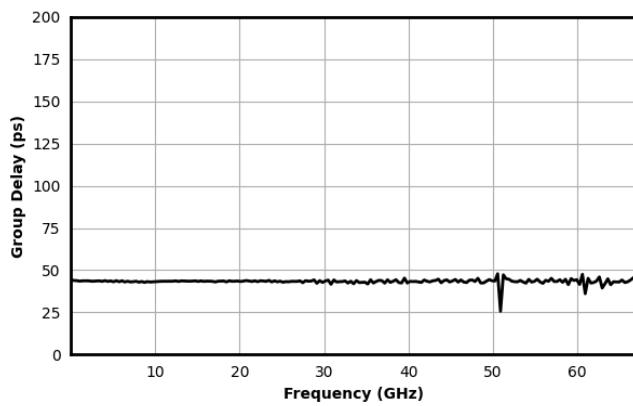
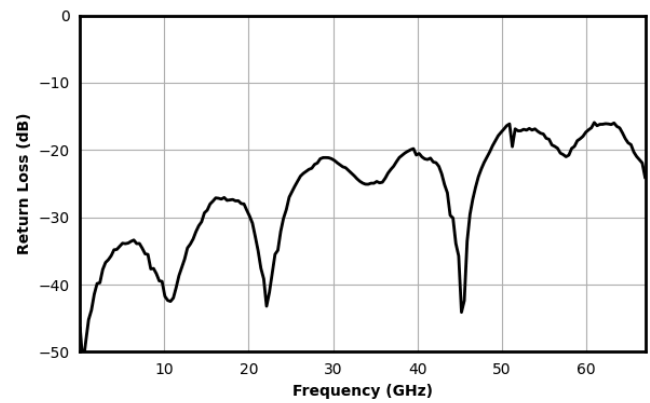
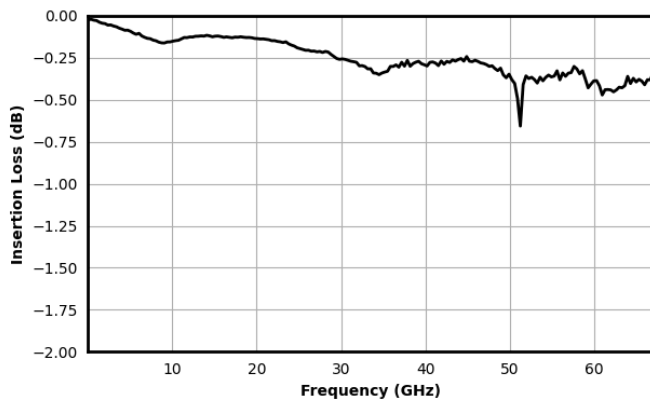
Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Insertion Loss	-	0	50	-	0.19	-	dB
VSWR	-	0	50	-	1.09	-	
Return Loss	-	0	50	-	27	-	dB

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ADP Series 2.4mm Male to 2.4mm Male Adapter

Typical Performance Plot



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ADP Series 2.4mm Male to 2.4mm Male Adapter

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